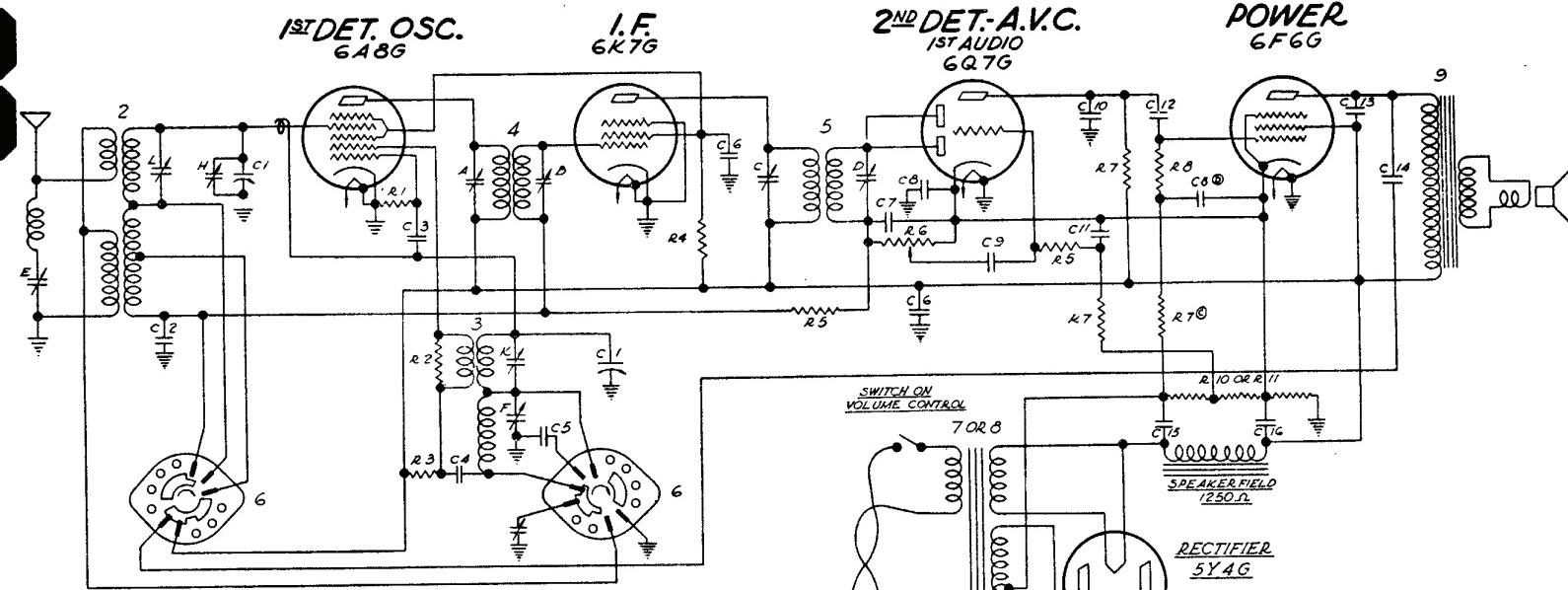


**MANUAL OF MOST-OFTEN-NEEDED RADIO DIAGRAMS**

**220**

COMPILED BY M. N. BEITMAN, SUPREME PUBLICATIONS

Models 5-S-201, 5-S-218, 5-S-220, 5-S-228, 5-S-237, 5-S-250, 5-S-252  
(5521 Chassis)



DIAG NO.	PART NO.	DESCRIPTION
C1	22-546	TWO GANG VARIABLE
C2	22-407	.05 MFD. 400V.
C3	22-127	.25 MFD. 600V.
C4	22-350	.002 MFD. 600V.
C5	22-363	FIXED PADDER
C6	22-170	.1 MFD. 400V.
C7	22-162	.0001 MFD. 600V.
C8	22-185	.01 MFD. 200V.
C9	22-327	.02 MFD. 200V.
C10	22-147	.0005 MFD. 600V.
C11	22-190	.1 MFD. 200V.
C12	22-435	.02 MFD. 600V.
C13	22-492	.0002 MFD. 600V.
C14	22-171	.05 MFD. 600V.
C15	22-596	.3 MFD DRY ELECTROLYTIC 450V
C16	22-596	.14 MFD DRY ELECTROLYTIC 450V

VARIABLE TRIMMERS

A	131 I.F. TRANS PRIMARY
B	131 I.F. TRANS SECONDARY
C	280 I.F. TRANS SECONDARY
D	280 I.F. TRANS SECONDARY
E	22-570 WAVE TRAP
F	BROADCAST OSCILLATOR (SEE NOTE)
G	ANTENNA BROADCAST (22-340)
H	*22-519 BROADCAST PADDER
I	SHORT WAVE OSCILLATOR (SEE NOTE)
J	SHORT WAVE DETECTOR *22-305

TRIMMERS F & K MOUNTED  
ON BAKELITE STRIP \*22-408

DIAG NO.	PART NO.	DESCRIPTION
R1	63-593	47 M OHM $\frac{1}{4}$ W $\pm 20\%$
R2	63-589	10 M OHM $\frac{1}{4}$ W $\pm 20\%$
R3	63-610	22 M OHM $\frac{1}{4}$ W $\pm 20\%$
R4	63-677	33 M OHM $\frac{1}{4}$ W $\pm 10\%$
R5	63-271	1 MEGOHM $\frac{1}{4}$ W $\pm 20\%$
R6	63-565	400M OHM VOLUME CONTROL
R7	63-293	220M OHM $\frac{1}{4}$ W $\pm 20\%$
R8	63-597	470M OHM $\frac{1}{4}$ W $\pm 20\%$
R10	63-613	3 SECTION CANDOHM 50-60-100
R11	63-800	3 SECTION CANDOHM 25-25-25

1	WAVE TRAP COIL MOUNTED ON ANTENNA COIL ASSEMBLY
2	5-1934 ANT COIL & SHIELD ASSEMBLY
3	5-1909 OSCILLATOR COIL ASSEMBLY
4	1ST I.F. TRANSFORMER
5	2ND I.F. TRANSFORMER
6	BAND SELECTOR SWITCH
7	POWER TRANSFORMER
8	117 VOLT 50-CYCLE POWER TRANSFORMER
9	ALL VOLTAGE 25 CYCLE SPEAKER TRANSFORMER

MODEL	SPEAKER
5-S-218	49-178 5"
5-S-220	49-170 5"
5-S-228	49-178 5"
5-S-237	49-180 6"
5-S-250	49-179 8"
5-S-252	49-208 10"

**I.F.-FREQUENCY 456 K.C.  
5 TUBE SUPERHETERODYNE**

**2 BAND  
CHASSIS NO 5521**

**ZENITH RADIO CORP.**